CONFIDENTIAL *Revision #2 Rec'd 6/12/71*

11 June 1971

25X1

To:

Subject: Submittal of Revision to Dual Format Data Block Reader

Reference: (a) Verbal discussion between customer and _____ dated 25X1
9 June 1971

Enclosure: (1) One (1) copy of Dual Formal Data Block Reader Proposal
No. ED-CX-14, Rev. 2 dated 6/11/71
(2) One (1) copy of Detail Cost Breakdown

Gentlemen:

In accordance with the discussion of reference (a) we are pleased to submit
enclosure (1) addendum to the dual format data block reader proposal, previously
submitted on 17 May 1971.

Enclosure (2) is the price increase of _____ attributable to this change. 25X1
This price increase applies to both Option "A" and "B" of the May 17, 1971
proposal. The change will have no effect on the program period of performance
previously quoted.

This quotation may be considered firm for a period of ninety (90) days.

If any questions should arise concerning the above matter please do not hesitate
to call or write the undersigned at _____ 25X1

Very truly yours,

25X1

Contract Administrator

RRB/kg
Encls:

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DUAL FORMAT DATA BLOCK READER
Proposal No. ED-CX-14 Rev. 2
6/11/71

1.   Purpose

The purpose of this amendment is to modify the performance

requirements of the Dual Format Data Block Reader resulting from

changes in the format of the data blocks.

2.   New Data Block Format

Each of the two formats will comprise of either 5 or 6 files of 32

dots each, in place of the original 5 files. Dot size, spacing and density

does not change, but the index dot distribution within the data block is

different than the one shown in Figure 3 of proposal ED-CX-14 dated

10/7/69, Data Block location and film size (Figures 1 & 2 of proposal

ED-CX-14) did not change.

3.   Required Modifications

The Reader will be capable of reading either 5 or 6 line data blocks

for each of the 9.5" or 70 mm formats. The change from a 5 to 6 line format

will be under operator control, via front panel selectors. Incorporating

this feature will require the following additional tasks and equipment:

3.1   Front Panel Control

Front panel selectors will be added to existing units. The selectors

will be designed so that a minimum of manual switching will be required

to switch between formats.

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3.2   Data Block Locator

There will be no change in the data block locator for the 9.5" format. However, since in the 70 mm format the last files are read first, and since those files are different for the 5 file and 6 file formats, the locator will be designed to lock on either file under control of the front panel selector.

3.3   Data Processor

The design of the data processor will be affected both by the modification of the index bit locations and by the variation in the number of files. The latter will increase the required capacity of the recognition logic to include the 6 file formats.

3.4   Error Detector

This section of the reader will be expanded to detect the additional files and their content. As the block locator, it too will be affected by the image reversal in the 70 mm format.

3.5   Programmer

The number of programs controlling the reader is proportional to the number of different formats. The programmer will therefore be doubled due to the additional formats.

3.6   Buffer Storage

The control of the buffer storage will be changed to accomodate the new formats, and still maintain a similarity in output format to minimize the users computer programs.

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3.7   Debugging and Testing

The time consumed by debugging and testing both at FSDS and at the customer's facility will be increased due to the additional formats.

All test film will be supplied by the customer.